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Hereditary Lysosomal Diseases: Molecular and Cellular Aspects

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Deadline for manuscript submissions:
closed (10 May 2021)

Message from the Guest Editors

Dear Colleagues,

More than 50 lysosomal diseases are now recognized, and rapid advances in molecular diagnostics and therapeutic development are improving speed to diagnosis and treatment options. However, a thorough understanding of this organelle, its interactions within cell signaling and metabolism, connections with other organelles, and how lysosomal disease gene mutations lead to cellular dysfunction and loss remains a major area of research. Further advances are needed to establish the mechanisms of diseases arising from this organelle in order to succeed in developing new therapies. This Special Issue aims to bring together recent discoveries in the molecular and cellular aspects of lysosomal and associated diseases, with an emphasis on hereditary lysosomal diseases, but also in disease areas where lysosomal dysfunction plays a role.

We invite you to submit your research reports and review articles for publication consideration and are looking forward to your contributions to this Special Issue.

Dr. Susan L. Cotman
Dr. Sara Mole
Guest Editors

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Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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